Nova Scotia

ANNUAL REPORT

for the fiscal year ending March 31, 1989

Department of Labour

Fire Marshal

ISSN 0085-4395

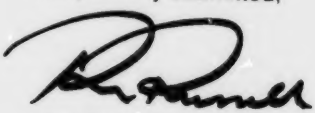
91-03132/

To His Honour
The Honourable Lloyd R. Crouse, P.C.
Lieutenant-Governor of Nova Scotia
Halifax, Nova Scotia

May It Please Your Honour:

The undersigned has the honour to present the Annual Report of the Fire Marshal, Department of Labour, for the fiscal year ending March 31, 1989.

Respectfully submitted,



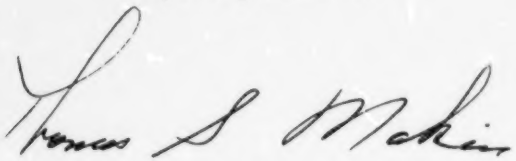
Ronald S. Russell, C.D.
Minister of Labour

The Honourable Ronald S. Russell, C.D.
Minister of Labour
Province of Nova Scotia
Halifax, Nova Scotia

Dear Sir:

I have the honour to present the 1988-89 Annual Report of the Fire Marshal as directed by the Fire Prevention Act.

Respectfully submitted,



Thomas S. Makin, C.D.
Fire Marshal

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REPORT OF THE FIRE MARSHAL

Annual Report of the Fire Marshal for the Fiscal Year Ending March 31, 1989

Loss of Life and Injuries

Fire claimed the lives of 20 persons during the 12-month period ending March 31, 1989—13 men, 4 women and 3 children.

The following were reported as the main known causes of fire involving the loss of life:

- Miscellaneous or unclassified fires accounted for 13 deaths or 65 per cent;
- Smoking material and open flame accounted for 3 deaths or 15 per cent;
- Cooking equipment accounted for 2 deaths.

Seventeen of the fire deaths occurred in residential settings—11 in one- and two-family dwellings, 4 in apartments and 2 in miscellaneous residential settings.

Fire also injured 63 persons during the year, including 30 fire fighters.

Property Loss

The recorded fire loss occurring in the Province of Nova Scotia for the fiscal year was placed at $23,671,358 as a result of 2,365 fires. This compares with a fire loss of $19,968,910 and 2,323 fires in the previous fiscal year.

During the fiscal year, four fires accounted for $4,267,782 or 18 per cent of the total monetary loss.

Main Causes of Fires

The following are listed as the reported main known causes of fires:

- Heating equipment—751 fires with a monetary loss of $3,913,956
- Cooking equipment—262 fires with a monetary loss of $2,223,559
- Electrical distribution equipment—238 fires with a monetary loss of $2,455,224

- Smokers' materials and open flame—197 fires with a monetary loss of $3,517,975
- Arson or "set fires"—221 with a monetary loss of $3,516,899

There were 698 undetermined fires with a monetary loss of $8,661,095.

Fire Investigations

Investigations were conducted into all reported fires by the fire chiefs, municipal police, Royal Canadian Mounted Police, Insurance Crime Prevention Bureau and the Fire Marshal's staff.

A total of 221 fires with a monetary loss of $3,516,899 were attributed to arson or suspected incendiary fires. These compare to 230 fires with a monetary loss of $2,237,129 in the previous year.

Three arson charges were laid involving a monetary loss of $250,000.

During the year, 157 fire and police personnel attended the Fire Investigation School, 73 for Level I and 84 for Level II.

Fire Prevention Activities

The following statistics highlight the principal activities carried out by the Office of the Fire Marshal for the fiscal year ending March 31, 1989.

INSPECTIONS

Assembly	494
Business and Personal Service	170
Electrical	86
Institutional	370
Lightning Rod Installations	6
L.P. Gas Installations	662
Mercantile	73
Residential	353
Special	46
Sprinkler Systems	106
Industrial Occupancy	48

PLAN EXAMINATIONS

Buildings	869
Electrical Installations	3
L.P. Gas Systems	485

Sprinkler Systems	90
Other	19

MEETINGS ATTENDED

Architectural	369
Banquets and Association Meetings	35
Electrical	76
Fire Chiefs	176
L.P. Gas	169
Sprinkler	42
Government, Municipal, Civic	84
Other Meetings Concerning Fire Safety	75

FIRE AND LIFE SAFETY TRAINING SESSIONS CONDUCTED

Fire Service	23
Institutional	11
Others	14

ATTENDED SEMINARS 13

FIRE INVESTIGATIONS CONDUCTED 164

COURT APPEARANCES 15

DISPLAY BOOTH FOR FIRE SAFETY 3

South Shore Exhibition
CFB Shearwater Air Show
Cape Breton Farmer's Exhibition

APPEARANCES ON CABLE TELEVISION TO PRESENT FIRE PREVENTION MESSAGES 1

The L.P. Gas Board of Examiners was very active during the year in certifying persons working in the propane industry. A total of 320 applicants wrote 326 examinations; and the Board of Examiners held 21 meetings.

Summary

In reviewing the fire losses for this fiscal year compared with 1980, it is noted that the number of fires increased by 42 and the total monetary loss increased by $3,702,448 or just over 18 per cent.

The Province of Nova Scotia has a $26.65 loss per capita, also an increase of $3.78 per capita compared to the last fiscal year.

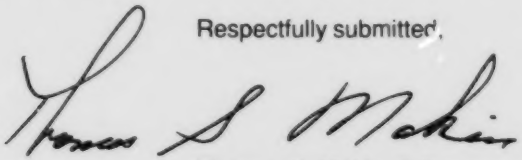
The decrease in the loss of life is a highlight in this report and is below our 10-year average of 26. The use, care and maintenance of installed smoke alarms and more vigilant fire safety in the home will decrease the loss of life even further.

My sincere appreciation is extended to the fire departments, industrial brigades and other fire prevention services for the excellent co-operation received during the year. I would like to thank all municipal authorities, insurance companies, Insurance Crime Prevention Bureau, the Insurance Advisory Organization, officers and members of the Royal Canadian Mounted Police and municipal police forces, the press and television stations for their excellent co-operation during the year.

I also express my appreciation to the officers and members of the Canadian Armed Forces for their assistance to the fire service.

I thank the people of Nova Scotia who in so many ways assisted in fire prevention and protection and for their support of the fire service.

Respectfully submitted,



Thomas S. Makin, C.D.
Fire Marshal

TABLE I
TYPE OF PROPERTY WHERE LOSS OF LIFE AND/OR INJURIES RESULTED FROM FIRE
(April 1, 1988 to March 31, 1989)

	Deaths				Injuries				
PROPERTY CLASS	Men	Women	Children	Total	Men	Women	Children	Firefighters	Total
School, college, university								1	1
Food or beverage establishment								1	1
Hospital, sanatorium, clinic								11	11
One- and two-family dwellings	8	2	1	11	6	2	2	4	14
Apartment, tenement, flat	1	1	2	4	7	1	2	3	13
Hotel, inn, lodge								1	1
Residential—miscellaneous	2			2			2		2
Textile, wearing apparel sale								1	1
Motor vehicles, boats, sales & service	1			1	1			3	4
Agriculture products—storage								1	1
Under construction or demolition—vacant								1	1
Watercraft					4	1			5
Ground transport vehicle	1	1		2	1	1		2	4
Laboratories								1	1
Miscellaneous							3		3
Total	13	4	3	20	19	5	9	30	63

TABLE II
IGNITING OBJECT WHERE LOSS OF LIFE AND/OR INJURIES RESULTED FROM FIRE
(April 1, 1988 to March 31, 1989)

	Deaths				Injuries				
IGNITING OBJECT	Men	Women	Children	Total	Men	Women	Children	Firefighters	Total
Cooking equipment: Stove, range	1			1	5	1	3	1	10
Portable cooking units	1			1					
Food warming appliance								1	1
Unclassified							1		1
Heating equipment: Central heating units					1				1
Space heater—stationary	1			1					
Unclassified								11	11
Electrical distribution equipment: Unclassified					2				2
Other electrical equipment: Incandescent & fluorescent lamp	1			1	1			3	4
Unclassified					1			1	2
Smoker's material & open flame: Smoker's material	1	1		2			2		2
Hot ashes, embers	1			1					
Unclassified					2	1		1	4
Miscellaneous: Internal combustion engine					2				2
Chemical reaction, spontaneous combustion						1	3	1	5
Unclassified	7	3	3	13	5	2		11	18
Total	13	4	3	20	19	5	9	30	63

TABLE III
ACT OR OMISSION WHERE LOSS OF LIFE AND/OR INJURIES RESULTED FROM FIRE
(April 1, 1988 to March 31, 1989)

	Deaths				Injuries				
ACT OR OMISSION	Men	Women	Children	Total	Men	Women	Children	Firefighters	Total
Suspected incendiary	1			1	2			3	5
Misuse of source of ignition: Smoker's material	1	1		2					
Child playing with							2		2
Unclassified					2	1			3
Misuse of material ignited: Fuel spilled accidentally					1				1
Overheated cooking oil, grease, wax	1			1	3	1	3	1	8
Unclassified					1				1
Mechanical/electrical failure/malfunction:									
Part failure, leak, break					1				1
Electrical short circuit					1				1
Unclassified	1			1	2			1	3
Construction, design or installation deficiency: Installed too close to combustible	1			1					
Human failing: Unclassified							1	11	12
Vehicle accident: Automobile	1	1		2					
Unclassified	7	2	3	12	6	3	3	14	26
Total	13	4	3	20	19	5	9	30	63

TABLE IV
GEOGRAPHIC DISTRIBUTION OF MONETARY LOSSES DUE TO FIRE
(April 1, 1988 to March 31, 1989)

Location	No. of Fires	Insured Loss	Uninsured Loss
Annapolis County			
Annapolis County (unclassified areas)	10	134,227	2,236
Annapolis Royal	1	2,600	0
Bridgetown	2	27,048	0
Lawrencetown & District	2	4,673	0
Margaretville	8	74,000	0
Middleton	17	34,933	300
Nictaux	5	20,078	500
Port Lorne & District	0	0	0
Springfield	0	0	0
SUBTOTAL	45	297,559	3,036
Antigonish County			
Antigonish County (unclassified areas)	8	36,388	5,880
Antigonish County	0	0	0
Antigonish	16	129,040	18,000
Auld's Cove	0	0	0
Four Valleys, Maryvale	0	0	0
Havre Boucher & District	4	18,637	0
Northshore	0	0	0
Pomquet	4	81,600	68,000
St. Andrew's & District	0	0	0
Tracadie & District	1	200	0
SUBTOTAL	33	265,865	91,880
Cape Breton County			
Cape Breton County (unclassified areas)	26	102,392	52,750
Albert Bridge Community	8	80,000	15,000
Big Pond	0	0	0
Birch Grove	0	0	0
Coxheath	0	0	0
District 6, Christmas Island	2	33,800	2,500

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
District 14, Louisbourg	0	0	0
Dominion	4	500	20,000
Donkin	8	128,931	200
Florence	26	83,738	12,150
French Vale Road	3	9,808	0
Gabarus	0	0	0
George's River	3	105,500	0
Glace Bay	28	682,722	145,821
Grand Lake Road	0	0	0
Loch Lomond	0	0	0
Louisbourg	1	2,500	0
Marion Bridge	5	69,000	6,100
Mira Road	2	10,000	0
New Victoria	11	38,264	200
New Waterford	33	488,863	700
North Sydney	9	1,322,702	900
Northside East Bay	1	10,000	0
Port Morien	0	0	0
Reserve Mines	8	20,000	0
Scotchtown	16	93,639	8,750
South Bar & District	1	0	0
Sydney	106	1,012,142	3,124
Sydney Mines	11	20,605	1,150
Sydney River	1	0	0
Tower Road	0	0	0
Westmount	5	169,500	0
SUBTOTAL	318	4,484,606	269,345
Colchester County			
Colchester County (unclassified areas)	11	34,551	500
Bass River	1	1,095,000	0
Bible Hill Fire Brigade	2	9,607	0
Brookfield	0	0	0
Cobequid District	6	3,200	0
Debert Fire Brigade	0	0	0
Economy Fire Brigade	0	0	0
Five Islands District	3	128,900	200

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Great Village & District	4	15,542	250
Hilden	4	16,400	0
North River & District	3	32,500	0
Onslow-Belmont	9	80,425	100
Salmon River	3	15,258	0
Stewiacke	3	82,000	0
Tatamagouche	0	0	0
Truro	24	443,975	10,700
Upper Stewiacke	0	0	0
Valley-Kemptown & District	3	16,224	0
SUBTOTAL	76	1,973,582	11,750
Cumberland County			
Cumberland County (unclassified areas)	13	290,601	1,356
Advocate & District	7	0	8,000
Amherst	3	9,952	0
Collingwood District	8	88,900	7,600
Fox River, Port Greville, Wards Brook	0	0	0
Joggins	0	0	0
Oxford	2	183,800	200
Parrsboro	0	0	0
Pugwash	0	0	0
River Hebert	2	43,000	0
Southampton	1	0	0
Springhill	8	324,300	0
Tidnish Bridge	2	7,500	0
Truemanville	3	2,912	0
Wallace	6	7,500	0
Wentworth	17	90,689	0
Westchester	1	25,000	0
SUBTOTAL	73	1,074,154	17,156
Digby County			
Digby County (unclassified areas)	13	12,392	1,134
Bear River	2	60,000	45,000
Brighton & Barton	3	2,519	100
Digby	4	48,630	317

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Digby Neck	0	0	0
Freeport	2	3,000	0
Havelock	1	10,000	1,000
Hectanooga	0	0	0
Little Brook	28	3,102	669
Meteghan	2	0	0
Plympton-Gilbert's Cove	5	9,414	1,100
St. Bernard's	4	1,008,622	0
Salmon River	5	57,000	0
Smith's Cove	1	1,639	0
Southville & Area	1	3,298	0
Tiverton	0	0	0
Westport	2	2,000	200
Weymouth	8	54,043	21,000
SUBTOTAL	81	1,275,659	70,520
Guysborough County			
Guysborough County (unclassified areas)	6	11,424	0
Canso	2	110,999	47,541
Chedabucto	1	0	0
District 6, Goshen	2	69,122	0
Down East Firefighters	0	0	0
Ecum Secum	0	0	0
Erinville	2	2,000	0
Guysborough	1	5,000	0
Harbourview	7	0	0
Hazel Hill & District	2	0	0
Liscomb	0	0	0
Little Dover	0	0	0
Manchester-Boylston	4	0	0
Mulgrave	5	18,689	1,000
St. Mary's District Firemen's Association	0	0	0
Seashore	1	0	0
Seven Communities	1	11,750	0
Tor Bay	0	0	0
Whitehead	0	0	0
SUBTOTAL	34	228,984	48,541

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Halifax County			
Halifax County (unclassified areas)	24	204,729	18,865
Bay Road, District 3	0	0	0
Beaverbank-Kinsac	12	11,600	1,600
Bedford	30	151,482	1,200
Chezzetcook, Head Chezzetcook	17	22,900	0
Dartmouth	137	1,010,951	10,148
District 1, Black Point	3	11,500	0
District 4, Terence Bay	2	50,000	0
District 8, Echo Terrace	2	116,800	0
District 9A, Porter's Lake	16	44,539	0
District 10 East, Oyster Pond-Jeddore	5	5,179	39,100
Dutch Settlement	0	0	0
Eastern Halifax County	0	0	0
Eastern Passage/Cow Bay (District 6)	14	82,921	2,000
Goff's	0	0	0
Grand Lake-Oakfield	0	0	0
Halifax	292	1,475,852	3,550
Hammonds Plains	5	144,300	0
Harrietsfield-Sambro	9	59,220	200
Hatchet Lake	0	0	0
Herring Cove & District	0	0	0
Hubbards & District	1	71,000	0
Lakeside	3	97,451	450
Lakeview-Windsor Junction-Fall River	3	48,164	0
Meagher's Grant	1	10,165	0
Middle Musquodoboit	4	1,300	11,050
Mooseland	0	0	0
Musquodoboit Harbour	17	100	0
Ostrea Lake & Pleasant Point	1	64,000	0
Sackville & District	57	230,492	31,010
Seabright & District	2	0	0
Sheet Harbour	11	529	1,000
Tangier	3	60,000	0
Three Harbours	0	0	0
Upper Hammonds Plains	0	0	0
Upper Musquodoboit	0	0	0
Waverley	1	0	0

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Wellington-Lake Fletcher	1	218	100
Westphal-Cole Harbour (District 7-7A)	106	287,341	6,000
SUBTOTAL	779	4,262,733	126,273
Hants County			
Hants County (unclassified areas)	7	45,317	1,368
Brooklyn	4	103,250	250
Cooks Brook & District Fire Brigade	1	4,100	0
Elmsdale & District	5	98,886	200
Enfield	6	57,020	200
Gore District	3	474,012	0
Hantsport	0	0	0
Kennetcook District	6	800	0
Lantz	4	90,000	0
Maitland & District	1	0	0
Milford	1	0	0
Moosebrook-Minasville	1	0	0
Nine Mile River Fire Protection Club	2	120,000	20,000
Noel & District	2	17,000	5,596
Shubenacadie & District	8	239,879	44,301
Summerville & District	8	0	0
Uniacke & District	9	180,175	300
Upper Rawdon	1	13,393	0
Walton Shore	4	3,587	400
Windsor	31	367,347	0
SUBTOTAL	104	1,814,766	72,615
Inverness County			
Inverness County (unclassified areas)	7	9,849	1,259
Ainslie-Upper Margaree	1	0	0
Cheticamp	4	0	0
Inverness	10	44,600	0
Judique	2	0	0
Mabou & District	7	2,000	0
Margaree	3	94,000	0
North East Margaree	3	33,008	5,000
Pleasant Bay	1	0	0
Port Hastings	12	73,500	0

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Port Hawkesbury	3	14,750	250
Port Hood	1	0	35,000
Valley Mills & District	1	62,580	0
West Bay Road & District	2	12,500	0
Whycocomagh	4	0	0
Lemoine	1	30,000	0
SUBTOTAL	62	376,787	41,509
Kings County			
Kings County (unclassified areas)	19	1,026,926	1,780
Aylesford	41	488	100
Berwick	4	34,950	300
Canning & District	6	15,583	100
Greenwich	4	0	0
Kentville	4	39,000	0
Kingston	4	74,148	2,300
New Minas	3	252,640	0
Port Williams	0	0	0
Waterville & District	3	60,644	544
Wolfville	7	14,096	450
SUBTOTAL	95	1,518,475	5,574
Lunenburg County			
Lunenburg County (unclassified areas)	17	65,647	4,510
Baker Settlement & District	1	4,190	100
District #1, Blandford	5	50,000	0
Blockhouse	2	45,000	0
Bridgewater	13	91,543	40,927
Chelsea	0	0	0
Chester	28	93,862	24,730
Chester Basin	14	104,545	4,605
Conquerall Bank	0	0	0
Cornwall	0	0	0
Crousetown	2	600	0
Dayspring & District	0	0	0
Hebbs Cross	1	0	6,300
Hebbville	3	2,000	0
Hemford & District	2	155,000	187,900

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Indian Point	1	4,797	0
Italy Cross/Middlewood	4	64,757	0
LaHave & District	8	160,500	3,000
Lapland & District	0	0	0
Lunenburg	9	218,021	0
Mader's Cove	1	6,821	0
Mahone Bay	4	637	100
Maitland & District	4	355	100
Martin's River	2	21,602	100
Midville & District	7	1,500	1,000
New Germany	2	5,647	100
New Ross	3	9,520	30,200
Newcombville & District	1	1,208	0
Northfield	5	55,699	731
Oakhill & District	3	165,527	60,100
Petite Rivière	0	0	0
Pleasantville	8	2,246	300
Riverport & District	2	26,552	250
Tancook Island	0	0	0
United Communities	0	0	0
Western Shore	4	0	0
Wileville	0	0	0
SUBTOTAL	156	1,357,776	365,053
Pictou County			
Pictou County (unclassified areas)	13	38,115	136
Abercrombie	4	5,002	0
Alma	8	73,355	0
Barney's River District	0	0	0
Blue Mountain & District	0	0	0
East River Valley	1	82,000	0
Eureka	0	0	0
Linacy	1	1,115	250
Little Harbour	3	275	0
Merigomish & District	1	1,660	200
New Glasgow	4	6,683	0
Pictou	7	56,381	400
Pictou Island	0	0	0

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Pictou Landing	0	0	0
Plymouth	1	1,647	100
River John	5	8,450	10,000
Scotsburn	6	4,000	25,000
Stellarton	2	35,000	0
Thorburn	1	1,534	200
Trenton	29	51,484	100
West River	0	0	0
Westville	4	108,000	250
Caribou District	3	53,100	38,000
SUBTOTAL	93	527,801	74,636
Queens County			
Queens County (unclassified areas)	6	45,735	550
Charleston	1	100	0
Greenfield & District	3	17,511	287
Liverpool	73	136,596	81,965
Mill Village	1	0	0
North Queens Fire Association Incorporated	4	20,000	36,000
Port Medway	1	0	0
SUBTOTAL	89	219,942	118,802
Richmond County			
Richmond County (unclassified areas)	11	37,309	2,000
District 10, Johnstown	0	0	0
Framboise-Fourchu	1	1,906	0
Grand River	0	0	0
Isle Madame	11	110,886	55,000
L'Ardoise	3	999	0
Louisdale	0	0	0
St. Peter's & District	14	0	0
SUBTOTAL	40	151,100	57,000
Shelburne County			
Shelburne County (unclassified areas)	31	147,045	6,327
Barrington	3	2,055	100
Barrington Passage District 7W	11	26,119	550

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Clark's Harbour	6	187,658	50
District 6W	0	0	0
District 8, Port LaTour	0	0	0
Gunning Cove	4	5,195	400
Harbour	3	36,280	40,000
Ingomar-Roseway	1	2,213	100
Jordan	6	44,828	17,300
Lockeport	12	241,267	1,250
Port Clyde	1	11,746	0
Sable River	0	0	0
Shag Harbour-Bear Point	5	57,507	350
Shelburne	17	17,670	2,450
Woods Harbour Fire Department Incorporated	4	164,000	0
SUBTOTAL	104	943,583	68,877
Victoria County			
Victoria County (unclassified areas)	6	128,750	300
Baddeck	11	39,936	24,700
Big Bras d'Or	2	45,750	7,750
Cabot	0	0	0
Ingonish	6	62,500	24,000
Iona	0	0	0
Middle River	0	0	0
Neil's Harbour-New Haven	0	0	0
North Shore & District	0	0	0
South Side Boularderie	3	105,000	36,000
SUBTOTAL	28	381,936	92,750
Yarmouth County			
Yarmouth County (unclassified areas)	6	3,276	551
Carleton	3	6,138	0
Comeau's Hill & Little River Harbour	1	1,522	0
Community	0	0	0
East Pubnico	3	87,460	100
Islands & District	2	43,500	0
Kemptville & District	0	0	0
Lakes & District	2	0	0

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Lake Vaughan	0	0	0
Port Maitland	0	0	0
Quinan & District	1	0	0
Valley & District	3	1,000	0
Wedgeport-Plymouth	0	0	0
West Pubnico	3	0	0
Yarmouth	131	798,136	39,050
SUBTOTAL	155	941,032	39,701
TOTAL	2,365	22,096,340	1,575,018

TABLE V
BREAKDOWN OF FIRES BY PROPERTY CLASS
(April 1, 1988 to March 31, 1989)

Property Class	No. of Fires	Insured Loss	Uninsured Loss	Total
Assembly				
Theatre, studio, auditorium	0	0	0	0
Amusement, recreation place	5	11,500	500	12,000
School, college, university	10	2,350	0	2,350
Church, funeral parlor	6	20,632	2,700	23,332
Club, social, sport	7	227,160	95,000	322,160
Museum, art gallery, library	0	0	0	0
Food/beverage establishment	23	484,684	1,500	486,184
Passenger terminal station	0	0	0	0
Miscellaneous	1	0	0	0
SUBTOTAL	52	746,326	99,700	846,026
Institutional				
Prison, jail, reformatory	6	7,959	1,000	8,959
Home for aged	10	2,604	0	2,604
Child care	0	0	0	0
Hospital, sanatorium, clinic	11	11,781	1,000	12,781
Miscellaneous	1	200	0	200
SUBTOTAL	28	22,544	2,000	24,544
Residential				
One- & two-family dwellings	1,132	8,857,513	664,284	9,521,797
Apartment, tenement, flat	144	1,293,930	286,417	1,580,347
Rooming, boarding, lodging house, hostel	4	9,930	250	10,180
Hotel, inn, lodge	6	53,722	250	53,972
Motor hotel, motel	5	63,450	1,250	64,700
Dormitory	0	0	0	0
Mobile home, trailer	50	461,469	74,500	535,969
Miscellaneous	123	353,663	48,893	402,556
SUBTOTAL	1,464	11,093,677	1,075,844	12,169,521
Business & Personal Service				
Office	15	383,548	20,500	404,048
Personal service	0	0	0	0
Electronic equipment	0	0	0	0

TABLE V—Continued

Property Class	No. of Fires	Insured Loss	Uninsured Loss	Total
Miscellaneous	1	0	0	0
SUBTOTAL	16	383,548	20,500	404,048
Mercantile				
Food, beverage sales	10	765,419	329	765,748
Textile, wearing apparel sales	2	77,742	1,000	78,742
Furniture, appliance, hardware sales	4	1,262,202	250	1,262,452
Books, newspapers, drugs, specialty sales	0	0	0	0
Recreation, hobby supplies	1	0	0	0
Repair shop, laundry, dry cleaner	4	92,050	0	92,050
Motor vehicles, boats, sales & service	16	1,279,534	68,250	1,347,784
Department, variety store	3	502,000	0	502,000
Miscellaneous	5	252,996	0	252,996
SUBTOTAL	45	4,231,943	69,829	4,301,772
Industrial Manufacturing Properties				
Chemicals, petroleum, paints, plastics manufacturing/ processing	0	0	0	0
Wood, furniture, paper, printing	10	2,094,580	35,050	2,129,630
Metal, metal products, electrical equipment & appliances	0	0	0	0
Food processing	9	71,157	1,000	72,157
Beverage, tobacco, soap, margarine	0	0	0	0
Textiles	1	0	0	0
Footwear, wearing apparel	0	0	0	0
Vehicles & related equipment	7	3,900	0	3,900
Miscellaneous	4	54,000	0	54,000
SUBTOTAL	31	2,223,637	36,050	2,259,687

TABLE V—Continued

Property Class	No. of Fires	Insured Loss	Uninsured Loss	Total
Storage Properties				
Agricultural products—storage	7	523,147	37,000	560,147
Textiles, fibre, clothing—storage	2	1,000	0	1,000
Processed food, beverage—storage	0	0	0	0
Flammable liquids, gases, petroleum products—storage	0	0	0	0
Wood, furniture, paper & products—storage	1	200	0	200
Chemicals, plastics, paints—storage	0	0	0	0
Metal products, machinery, electrical appliance—storage	1	0	0	0
Vehicle storage	39	274,924	40,200	315,124
Miscellaneous	17	251,741	63,700	315,441
SUBTOTAL	67	1,051,012	140,900	1,191,912
Special Property				
Outdoor property	14	7,325	0	7,325
Special connecting thoroughfare	3	253,000	0	253,000
Under construction or demolition—vacant	19	73,575	32,000	105,575
Watercraft	18	430,868	13,500	444,368
Rail transport vehicle and equipment	2	60,000	0	60,000
Ground transport vehicle	484	788,570	15,530	804,100
Aircraft	0	0	0	0
Special vehicles	19	188,128	200	188,328
Miscellaneous	1	0	0	0
SUBTOTAL	560	1,801,466	61,230	1,862,696
Miscellaneous Property				
Laboratories	2	500	0	500
Farm facilities	22	104,900	33,900	138,800
Miscellaneous outbuildings	26	125,286	20,465	145,751
Utility	10	22,900	0	22,900

TABLE V—Continued

Property Class	No. of Fires	Insured Loss	Uninsured Loss	Total
Cement, glass, pottery manufacturing	0	0	0	0
Mining, quarrying	0	0	0	0
Communications	1	0	0	0
Nucleonics	0	0	0	0
Miscellaneous	41	288,601	14,600	303,201
SUBTOTAL	102	542,187	68,965	611,152
TOTAL	2,365	22,096,340	1,575,018	23,671,358

TABLE VI
BREAKDOWN OF FIRES BY IGNITING OBJECT
(April 1, 1988 to March 31, 1989)

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
General				
No igniting object	40	64,802	4,359	69,161
SUBTOTAL	40	64,802	4,359	69,161
Cooking Equipment				
Stove, range—top burner area (involving fire in pan)	13	35,951	300	36,251
Stove, range—top burner area (involving fire in domestic deep fat fryer or pot)	143	1,218,427	47,400	1,265,827
Stove, range—top burner area (involving other circumstances)	24	167,786	21,300	189,086
Oven of stove, range	9	3,105	450	3,555
Chafing dish, fondue	1	2,000	0	2,000
Deep fat fryer—separate appliance	5	45,450	250	45,700
Fry pans, grills not on stove	3	44,000	0	44,000
Other cooking unit (portable, includes hot plate, camp stove, warming tray)	2	0	30,000	30,000
Open fired broiler—fixed type	2	0	0	0
Open fired broiler—portable, includes barbecue	11	40,319	100	40,419
Food warming appliance—coffee urn, steam table, warming drawer, warming table, electric kettle, microwave oven	4	204,784	100	204,884
Toaster, waffle iron	1	100	100	200
Other than listed	44	290,483	71,154	361,637
SUBTOTAL	262	2,052,405	171,154	2,223,559
Heating Equipment				
Central heating unit—furnace, broiler, power broiler, stoker	56	1,682,516	38,650	1,721,166

TABLE VI—Continued

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
Service water heater	2	500	0	500
Space heater—stationary	158	523,741	84,310	608,051
Space heater—portable	6	49,528	100	49,628
Fireplace	10	101,934	914	102,848
Chimney, masonry	443	818,462	251,881	1,070,343
Flue pipe, vent connector	66	210,904	3,292	214,196
Chimney, factory-built, metal	1	0	0	0
Other than listed	9	147,024	200	147,224
SUBTOTAL	751	3,534,609	379,347	3,913,956
Appliances & Equipment				
Television, picture receiving or reproducing equipment	7	16,847	400	17,247
Radio, stereo phonograph, tape recorder	2	82,527	100	82,627
Dryer for clothes	17	48,000	0	48,000
Washing machine	2	18,666	0	18,666
Air conditioning & refrigeration equipment (central)	2	1,075	0	1,075
Air conditioning or dehumidifier (individual)	1	3,245	0	3,245
Refrigeration unit—individual	3	90,407	20,200	110,607
Pressing iron, ironing machine	2	86,900	100	87,000
Portable generator	2	3,500	0	3,500
Lawnmower	8	8,901	100	9,001
Snowblower	0	0	0	0
Electric blanket, heating pad	0	0	0	0
Incinerator	0	0	0	0
Other than listed	7	103,163	100	103,263
SUBTOTAL	53	463,231	21,000	484,231
Electrical Distribution Equipment				
Electric wiring, cable—permanent (power line, junction box)	61	837,603	5,200	842,803
Transformer	1	1,000	0	1,000
Switchgear	1	0	0	0

TABLE VI—Continued

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
Panelboard, switchboard (fuse, circuit breaker)	13	26,452	21,100	47,552
Switch, outlet (receptacle, socket)	9	139,063	60,630	199,693
Electric wiring, cable—temporary (extension/ appliance cord)	20	205,768	1,000	206,768
Signal, telephone equipment (low voltage wiring)	0	0	0	0
Battery, rectifier (charger, rotary convertor)	5	67,150	0	67,150
Electrical distribution equipment—unclassified	128	1,055,748	34,530	1,090,278
SUBTOTAL	238	2,332,784	122,460	2,455,244
Other Electrical Equipment				
Motor (1 h.p. and over)	1	50	0	50
Motor (under 1 h.p.)	0	0	0	0
Electronic equipment—communications	0	0	0	0
Electronic equipment: data processing—digital & analog computer, electronic sorting equipment, electronic data processing equipment	0	0	0	0
Incandescent lamp, lightbulb	11	1,018,048	900	1,018,948
Fluorescent lamp	1	0	0	0
Other electrical—unclassified	20	338,788	40,027	378,815
SUBTOTAL	33	1,356,886	40,927	1,397,813
Smoker's Material & Open Flames				
Smoker's material	88	1,296,599	126,474	1,423,073
Match, lighter (not used in conjunction with smoking	18	1,337,923	37,350	1,375,273
Lamp	0	0	0	0
Candle, taper	8	133,100	250	133,350
Cutting torch	6	7,500	50	7,550
Welding equipment	13	88,988	0	88,988

TABLE VI—Continued

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
Torch (other than cutting, welding)	5	4,797	0	4,797
Hot ashes, embers	22	259,942	31,027	290,969
Smoker's material or open flames—unclassified	37	193,975	0	193,975
SUBTOTAL	197	3,322,824	195,151	3,517,975
Exposure				
Structure: attached	0	0	0	0
Structure: detached	8	43,733	3,500	47,233
Lumber yard	0	0	0	0
Outside storage container, tank	0	0	0	0
Open fire (campfire, bonfire, warning flare, rubbish fire, open incinerator)	13	291,924	30,450	322,374
Forest, trees	0	0	0	0
Grass, shrub, brush, scrub	7	47,035	2,850	49,885
Exposure, unclassified	2	5,012	0	5,012
SUBTOTAL	30	387,704	36,800	424,504
Miscellaneous				
Internal combustion engine—exhaust system	42	114,377	4,750	119,127
Heat treatment equipment—furnace, oven, quench tank, casting, molding, forging	0	0	0	0
Industrial oven—includes kiln	0	0	0	0
Printing equipment	0	0	0	0
Explosives	1	0	5,000	5,000
Fireworks	0	0	0	0
Bearing, belting, conveyor, brake	2	0	0	0
Machinery, equipment: commercial & industrial	0	0	0	0
Chemical reaction	18	309,893	89,800	399,693
Igniting object—unclassified/ cannot be determined	698	8,156,825	504,270	8,661,095
SUBTOTAL	761	8,581,095	603,820	9,184,915
TOTAL	2,365	22,096,340	1,575,018	23,671,358

TABLE VII
BREAKDOWN OF FIRES BY ACT OR OMISSION
(April 1, 1988 to March 31, 1989)

Act or Omission	No. of Fires	Insured Loss	Uninsured Loss	Total
Arson or "Set Fires"				
Arson	3	250,000	0	250,000
Suspected incendiary	218	3,146,275	120,624	3,266,899
SUBTOTAL	221	3,396,275	120,624	3,516,899
Misuse of Source of Ignition				
Smoker's material	89	1,282,725	126,274	1,408,999
Thawing	1	4,797	0	4,797
Inadequate control of "open fire"	11	49,535	32,850	82,385
Child playing with	24	1,379,891	37,750	1,417,641
Welding or cutting too close to	9	133,000	0	133,000
Torch too close to	6	6,600	50	6,650
Misuse of source of ignition—unclassified	18	153,387	60,850	214,237
SUBTOTAL	158	3,009,935	257,774	3,267,709
Misuse of Material Ignited				
Fuel spilled accidentally	7	194,500	72,000	266,500
Improper fuelling technique	1	1,500	0	1,500
Flammable liquid to kindle fire	3	32,164	0	32,164
Cleaning, washing parts	0	0	0	0
Improper container: metal, plastic	0	0	0	0
Overheated cooking oil, grease, wax	138	1,192,675	66,600	1,259,275
Combustible placed too close to heat	30	106,879	18,700	125,579
Improper storage	1	710	250	960
Misuse of material ignited—unclassified	10	116,706	30,177	146,883
SUBTOTAL	190	1,645,134	187,727	1,832,861
Mechanical/Electrical Failure/Malfunction				
Part failure, leak, break	38	180,429	3,350	183,779
Automatic control failure	0	0	0	0

TABLE VII—Continued

Act or Omission	No. of Fires	Insured Loss	Uninsured Loss	Total
Manual control failure	0	0	0	0
Electrical short circuit	140	956,219	105,427	1,061,646
Part worn out	1	0	4,000	4,000
Mechanical/electrical failure/ malfunction—unclassified	241	4,264,685	179,364	4,444,049
SUBTOTAL	420	5,401,333	292,141	5,693,474
Construction, Design or Installation Deficiency				
Design deficiency	0	0	0	0
Construction deficiency	4	2,500	0	2,500
Installed too close to combustible	25	178,690	5,800	184,490
Other installation deficiency	10	85,993	100	86,093
Overfusing	1	0	0	0
Suspected faulty connections involvingaluminum wiring	0	0	0	0
Suspected faulty connections involvingcopper wiring	0	0	0	0
Construction, design or installation deficiency—unclassified	6	176,002	15,500	191,502
SUBTOTAL	46	443,185	21,400	464,585
Misuse of Equipment				
Overfuelling	1	11,750	0	11,750
Misuse of equipment— unclassified	11	54,358	10,300	64,658
SUBTOTAL	12	66,108	10,300	76,408
Human Failing				
Asleep	7	107,525	11,200	118,725
Temporary loss of judgement suspected (includes panic)	2	1,000	0	1,000
Physical or mental disability	2	2,000	0	2,000
Accident	2	1,420	400	1,820
Suspected impairment by use of alcohol, drugs or medication	0	0	0	0

TABLE VII—Continued

Act or Omission	No. of Fires	Insured Loss	Uninsured Loss	Total
Asleep—suspected use of alcohol, drugs or medication	0	0	0	0
Ignorance of hazard	372	294,109	3,005	297,114
Distracted, preoccupied	0	0	0	0
Human failing—unclassified	28	125,997	0	125,997
SUBTOTAL	413	532,051	14,605	546,656
Vehicle Accident				
Automobile	2	0	0	0
Industrial truck	1	0	0	0
Other road vehicle	0	0	0	0
Rail vehicle	1	4,000	0	4,000
Watercraft	0	0	0	0
Aircraft	0	0	0	0
Vehicle accident—unclassified	5	9,000	0	9,000
SUBTOTAL	9	13,000	0	13,000
Miscellaneous				
Miscellaneous—unclassified	896	7,589,319	670,447	8,259,766
SUBTOTAL	896	7,589,319	670,447	8,259,766
TOTAL	2,365	22,096,340	1,575,018	23,671,358

TABLE VIII
FIRES WHERE MONETARY LOSSES EXCEEDED $500,000
(April 1, 1988 to March 31, 1989)

No.	Location	Date	Classification	Amount	Listed Cause
1.	248 Commercial St. North Sydney	April 6, 1988	Furniture Sales	$1,181,202	Child Playing with Smoking Materials
2.	East Halls Harbour Kings County	July, 1988	Paperboards Factory	991,580	Undetermined
3.	Main Street Belliveau's Cove	November 29, 1988	Automobile Sales	1,000,000	Undetermined
4.	Bass River Colchester County	May 2, 1989	Wood Manufacturing	1,095,000	Furnace Malfunction
TOTAL				$4,267,782	

TABLE IX
DEATHS & SERIOUS INJURIES FROM FIRE
TEN-YEAR PERIOD
(April 1, 1979 to March 31, 1989)

	Deaths				Injuries				
YEAR	MEN	WOMEN	CHILDREN	TOTAL	MEN	WOMEN	CHILDREN	FIREFIGHTERS	TOTAL
1979-80	11	8	11	30	40	16	15	95	166
1980-81	13	3	19	35	22	16	12	56	106
1981-82	13	2	6	21	35	14	7	75	131
1982-83	27	12	7	46	32	9	16	48	105
1983-84	11	5	10	26	29	12	8	24	73
1984-85	6	5	3	14	18	14	7	25	64
1985-86	11	5	1	17	26	17	0	52	95
1986-87	15	4	1	20	22	17	3	71	113
1987-88	24	11	1	36	24	8	5	36	73
1988-89	13	4	3	20	19	5	9	30	63
Total	144	59	62	265	267	128	82	512	989
Average per year	14	6	6	26	27	13	8	51	99

TABLE X
MONETARY LOSSES DUE TO FIRE
TEN-YEAR PERIOD
(April 1, 1979 to March 31, 1989)

	No. of Fires	Losses		
		Insured	Uninsured	Total
1979-80	2,685	$ 14,985,083	$ 58,575	$ 15,043,658
1980-81	3,057	34,562,831	145,792	34,708,623
1981-82	2,870	37,266,230	3,028,360	40,294,590
1982-83	2,589	28,241,772	923,134	29,164,906
1983-84	2,634	17,080,623	620,903	17,701,526
1984-85	2,824	21,481,525	669,827	22,151,352
1985-86	2,506	21,630,961	4,822,321	26,453,282
1986-87	2,450	21,453,014	1,333,718	22,786,732
1987-88	2,323	17,803,500	2,165,410	19,968,910
1988-89	2,365	22,096,340	1,575,018	23,671,358
TOTAL	26,303	$236,601,879	$15,343,058	$251,944,937